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07/939,834  
UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
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07/939,834 09/02/92 BROWNING

EXAMINER
D 10274161

E3M1/0409

TREAT, W.	ART UNIT	PAPER NUMBER
		23

OBLON, SPIVAK, MCCLELLAND,  
MAIER & NEUSTADT  
1755 JEFFERSON DAVIS HWY.  
FOURTH FLOOR  
ARLINGTON, VA 22202

DATE MAILED:

04/09/96

#### NOTICE OF ALLOWABILITY

##### PART I.

- ☒ This communication is responsive to Paper No. 22, filed 3/29/96
- ☒ All the claims being allowable, PROSECUTION ON THE MERITS IS ~~(OR REMAINS)~~ CLOSED in this application. If not included herewith (or previously mailed), a Notice Of Allowance And Issue Fee Due or other appropriate communication will be sent in due course.
- ☒ The allowed claims are 1-7 and 11-12
- ☐ The drawings filed on \_\_\_\_\_ are acceptable.
- ☐ Acknowledgment is made of the claim for priority under 35 U.S.C. 119. The certified copy has ☐ been received. ☐ not been received. ☐ been filed in parent application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_
- ☐ Note the attached Examiner's Amendment.
- ☐ Note the attached Examiner Interview Summary Record, PTOL-413.
- ☐ Note the attached Examiner's Statement of Reasons for Allowance.
- ☒ Note the attached NOTICE OF REFERENCES CITED, PTO-892.
- ☐ Note the attached INFORMATION DISCLOSURE CITATION, PTO-1449.

##### PART II.

A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE THREE MONTHS FROM THE "DATE MAILED" indicated on this form. Failure to timely comply will result in the ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- ☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.
- ☒ APPLICANT MUST MAKE THE DRAWING CHANGES INDICATED BELOW IN THE MANNER SET FORTH ON THE REVERSE SIDE OF THIS PAPER.
  - ☒ Drawing informalities are indicated on the NOTICE RE PATENT DRAWINGS, PTO-948, attached hereto or to Paper No. 4. CORRECTION IS REQUIRED.
  - ☒ The proposed drawing correction filed on 9/15/95 has been approved by the examiner. CORRECTION IS REQUIRED.
  - ☐ Approved drawing corrections are described by the examiner in the attached EXAMINER'S AMENDMENT. CORRECTION IS REQUIRED.
  - ☐ Formal drawings are now REQUIRED.

Any response to this letter should include in the upper right hand corner, the following information from the NOTICE OF ALLOWANCE AND ISSUE FEE DUE: ISSUE BATCH NUMBER, DATE OF THE NOTICE OF ALLOWANCE, AND SERIAL NUMBER.

##### Attachments:

- Examiner's Amendment
- Examiner Interview Summary Record, PTOL-413
- Reasons for Allowance
- ☒ Notice of References Cited, PTO-892
- Information Disclosure Citation, PTO-1449
- Notice of Informal Application, PTO-152
- Notice re Patent Drawings, PTO-948
- Listing of Bonded Draftsman
- Other

*[Handwritten signature]*



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E3M1/0409

OBLON, SPIVAK, MCCLELLAND,  
MAIER & NEUSTADT  
1755 JEFFERSON DAVIS HWY.  
FOURTH FLOOR  
ARLINGTON, VA 22202

NOTICE OF ALLOWANCE  
AND ISSUE FEE DUE

☐ Note attached communication from the Examiner

☐ This notice is issued in view of applicant's communication filed \_\_\_\_\_

SERIES CODE/SERIAL NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
07/939,834	09/02/92	009	TREAT, W	2315 04/09/96
First Named Applicant				

BROWNING,

DAN D.

TITLE OF  
INVENTION

METHOD AND APPARATUS FOR CREATING A WIREFRAME AND POLYGON VIRTUAL  
WORLD (AS AMENDED)

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEE DUE	DATE DUE
2 10274161	295-500.000	V75	UTILITY	NO	\$1250.00	07/09/96

**THE APPLICATION IDENTIFIES ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT.  
PROSECUTION ON THE MERITS IS CLOSED.**

**THE ISSUE FEE MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS  
APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.**

**HOW TO RESPOND TO THIS NOTICE:**

I. Review the SMALL ENTITY Status shown above.

If the SMALL ENTITY is shown as YES, verify your  
current SMALL ENTITY status:

- A. If the status is changed, pay twice the amount of the  
FEE DUE shown above and notify the patent and  
Trademark Office of the change in status, or
- B. If the Status is the same, pay the FEE DUE shown  
above.

If the SMALL ENTITY is shown as NO:

- A. Pay FEE DUE shown above, or
- B. File verified statement of Small Entity Status before, or with,  
pay of 1/2 the FEE DUE shown above.

II. Part B of this notice should be completed and returned to the Patent and Trademark Office (PTO) with your ISSUE FEE.  
Even if the ISSUE FEE has already been paid by charge to deposit account, Part B should be completed and returned.  
If you are charging the ISSUE FEE to your deposit account, Part C of this notice should also be completed and returned.

III. All communications regarding this application must give series code (or filing date), serial number and batch number.  
Please direct all communication prior to issuance to Box ISSUE FEE unless advised to contrary.

**IMPORTANT REMINDER: Patents issuing on applications filed on or after Dec. 12, 1980 may require payment of  
maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance  
fees when due.**

**PART B—ISSUE FEE TRANSMITTAL**

**MAILING INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE. Blocks 2 through 6 should be completed where appropriate. All further correspondence including the Issue Fee Receipt, the Patent, advance orders and notification of maintenance fees will be mailed to addressee entered in Block 1 unless you direct otherwise, by: (a) specifying a new correspondence address in Block 3 below; or (b) providing the PTO with a separate "FEE ADDRESS" for maintenance fee notifications with the payment of Issue Fee or thereafter. **See reverse for Certificate of Mailing.**

<b>1. CORRESPONDENCE ADDRESS</b>  <div style="text-align: right; margin-right: 50px;">E3M1/0409</div> <p>OBLON, SPIVAK, MCCLELLAND, MAIER &amp; NEUSTADT 1755 JEFFERSON DAVIS HWY. FOURTH FLOOR ARLINGTON, VA 22202</p>	<b>2. INVENTOR(S) ADDRESS CHANGE</b> (Complete only if there is a change) INVENTOR'S NAME Street Address City, State and ZIP Code CO-INVENTOR'S NAME Street Address City, State and ZIP Code <input type="checkbox"/> Check if additional changes are on reverse side
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SERIES CODE/SERIAL NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
07/939,834	09/02/92	009	TREAT, W	2315 04/09/96
First Named Applicant: <b>BROWNING, DAN D.</b>				

**TITLE OF INVENTION**  
 METHOD AND APPARATUS FOR CREATING A WIREFRAME AND POLYGON VIRTUAL WORLD (AS AMENDED)

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEE DUE	DATE DUE
6061-008-6 FWC	395-500.000	V75	UTILITY	NO	\$1250.00	07/09/96

<b>3. Correspondence address change</b> (Complete only if there is a change)	<b>4. For printing on the patent front page</b> , list the names of not more than 3 registered patent attorneys or agents OR, alternatively, the name of a firm having as a member a registered attorney or agent. If no name is listed, no name will be printed. <div style="margin-top: 10px;">                     1 <u>OBLON, SPIVAK,</u>                      2 <u>MCCLELLAND, MAIER,</u>                      3 <u>&amp; NEUSTADT, P.C.</u> </div>
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DO NOT USE THIS SPACE

<b>5. ASSIGNMENT DATA TO BE PRINTED ON THE PATENT</b> (print or type) (1) NAME OF ASSIGNEE: VPL RESEARCH, INC. (2) ADDRESS: (CITY & STATE OR COUNTRY) Redwood City, CALIFORNIA		<b>6a. The following fees are enclosed:</b> <input checked="" type="checkbox"/> Issue Fee <input checked="" type="checkbox"/> Advance Order - # of Copies <u>10</u> <b>6b. The following fees should be charged to:</b> DEPOSIT ACCOUNT NUMBER <u>15-0030</u> (ENCLOSE PART C) <input type="checkbox"/> Issue Fee <input type="checkbox"/> Advance Order - # of Copies _____ <input checked="" type="checkbox"/> Any Deficiencies in Enclosed Fees
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**A.** ☐ This application is NOT assigned.

☒ Assignment previously submitted to the Patent and Trademark Office.

☐ Assignment is being submitted under separate cover. Assignments should be directed to Box ASSIGNMENTS.

**PLEASE NOTE:** Unless an assignee is identified in Block 5, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the PTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

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The COMMISSIONER OF PATENTS AND TRADEMARKS is requested to apply the Issue Fee to the application identified above.

(Authorized Signature) [Signature] (Date) 6/27/96

**NOTE:** The Issue Fee will not be accepted from anyone other than the 250.00 registered attorney or agent; or the assignee or other party in interest shown by the records of the Patent and Trademark Office.

**1. TRANSMIT THIS FORM WITH FEE-CERTIFICATE OF MAILING ON REVERSE**

## Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Box ISSUE FEE  
Commissioner of Patents and Trademarks  
Washington, D.C. 20231

on \_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Name of person making deposit)

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Date)

Note: If this certificate of mailing is used, it can only be used to transmit the Issue Fee. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing.

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Office of Information Systems, Patent and Trademark Office, Washington, D.C. 20231, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, (Project 0651-0033), Washington, D.C. 20503. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Box Issue Fee, Washington, DC 20231.

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## PART C—CHARGE TO DEPOSIT ACCOUNT

## 1. CORRESPONDENCE ADDRESS

E3M1/0409  
OBLON, SPIVAK, MCCLELLAND,  
MAYER & NEUSTADT  
1735 JEFFERSON DAVIS HWY.  
FOURTH FLOOR  
ARLINGTON, VA 22202

SERIES CODE/SERIAL NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART/UNIT	DATE MAILED
07/929, 834	09/02/92	009	TREAT, W	2315 04/09/96
First Named Applicant CROWNING, DAN D.				

## TITLE OF INVENTION

METHOD AND APPARATUS FOR CREATING A WIREFRAME AND POLYGON VIRTUAL  
WORLD (AS AMENDED)

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEE DUE	DATE DUE
6061-008-6 FDC <del>1027161</del>	395-500.000	V75	UTILITY	NO	\$1250.00	07/09/96

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## 2a. The following fees are enclosed:

☒ Issue Fee ☒ Advance Order - # of Copies -10-

## 2b. The following fees should be charged to:

DEPOSIT ACCOUNT NUMBER 15-0030☐ Issue Fee ☐ Advance Order - # of Copies \_\_\_\_\_  
☐ Any Deficiencies in Enclosed Fees

The COMMISSIONER OF PATENTS AND TRADEMARKS is requested to apply the Issue Fee to the application identified above.

(Authorized Signature)

*[Signature]* 2785 6/27/96  
6061-008-6 FDC 05-500

NOTE: The Issue Fee will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the Patent and Trademark Office.

## 2. TRANSMIT THIS FORM WITH PART B WHEN AUTHORIZING USE OF A DEPOSIT ACCOUNT